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## T COOPERATION TREATY

## **PCT**

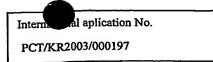
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## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Artcle 36 and Rule 70)

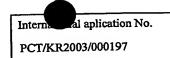
Applicant's or agent's file reference	FOR EMPTHER ACTION	SeeNotification	nofTransmittalofInternationa	lPreliminary .
PA/LGE/03249	FOR FURTHER ACTION Examination		Report (Form PCT/IPEA/416)	
International application No.	International filing date(day/mo		Priority date (day/month/ye 28 JANUARY 2002 (28.0)	
PCT/KR2003/000197	28 JANUARY 2003 (28.01.200		28 JANUAR 1 2002 (28.0.	1.2002)
International Patent Classification (IPC	) or national classification and IPC	<i>3</i>		
IPC7 G06F 19/00				
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A1				
Applicant				1
LG ELECTRONICS INC. et al				
This international preliminary eand is transmitted to the applica	examination report has been prepart according to Article 36.	ared by this Inter	national Preliminary Examir	ing Authority
	of 3 sheets, inclu	ding this cover sh	eet.	
	panied by ANNEXES, i.e., sheets			hich have been
amended and are the basis	s for this report and/or sheets con	taining rectificati	ons made before this Author	ority (see Rule
70.16 and Section 607 of	the Administrative Instructions un	der the PCT).		
These annexes consist of a total	d ofsheets.			
3. This report contains indications	relating to the following items:			
I X Basis of the repor	t			
II Priority				
	nt of opinion with regard to novelt	y, inventive step a	and industrial applicability	
IV Lack of unity of i				
Peasoned statem	ent under Article 35(2) with regar	d to novelty, inve	ntive step or industrial applic	ability;
v X citations and expl	anations supporting such statemer	nt	•	
VI Certain document	□ a state water trade			
VII Certain defects in	the international application			
VIII Certain observati				
Date of submission of the demand	Dat	e of completion o	f this report	
26 AUGUST 2003 (26.08.2003)		06 FEBRUA	ARY 2004 (06.02.2004)	
, and the state of				
Name and mailing address of the IPE	201616	thorized officer		513
Korean Intellectual Prop 920 Dunsan-dong, Seo-	erty Office gu, Daejeon 302-701,	KIM, Yong Ja	e	(回回)
Republic of Korea		, ,	•	<b>रहाडे</b> )
Facsimile No. 82-42-472-7140	Tel	ephone No. 82-	42-481-20/4	





I.	Bas	sis of the report				
		th regard to the elements of the international application:*				
	X					
	Ē	the description:				
	_	pages, as originally filed pages, filed with the demand				
		pages, filed with the letter of				
	Г	the claims:				
	pages, as originally pages, as amended (together with any statment) under Ar					
		. Ilicu with the demand				
		pages, filed with the letter of				
		the drawings: , as originally filed				
		pages , filed with the demand				
	-	pages filed with the letter of				
		the sequence listing part of the description:  pages, as originally filed				
		pages , filed with the demand				
		pages, filed with the letter of				
	<ol> <li>With regard to the language, all the elements marked above were available or furnished to this Authority in the language in the international application was filed, unless otherwise indicated under this item.         These elements were available or furnished to this Authority in the following language</li></ol>					
The statement that t		furnished subsequently to this Authority in computer readable form  The statement that the subsequently furnished written sequence listing does not go beyond the disc losure in the international applicationas as filed has been furnished.				
	Ε	The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.				
4	. [	The amendments have resulted in the cancellation of:  the description, pages the claims, Nos.				
		the drawings, sheet				
5	. [	This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box(Rule 70.2(c)).**				
	iı	Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to In this opinion as "originally filed." and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).				
	** <u>/</u>	Any replacement sheet containing such amendments must be referred to under item I and annexed to this report.				





V. Reasoned statement under Article 35(2) with regard to	novelty, inventive step or industrial applicability;
citations and explanations supporting such statement	

1.	Statement			
-		Claims	1-8	YES
	Novelty (N)	Claims	NONE	NO
	Inventive step (IS)	Claims	1-8	YES
	Michael Coop (20)	Claims	NONE	NO
	Industrial applicability (IA)	Claims	1-8	yes
	madodia approvering (==)	Claims	NONE	
		Claims	NONE	·

2. Citations and explanations (Rule 70.7)

Claims 1-8 meet the criteria set out in PCT Article 33(2)-(4), because the prior art does not teach or fairly suggest for an apparatus for displaying 'binary data' (that is, upgrade data) as binary color data on display device, detecting the binary color data displayed on the display device and applying the detected data to electric home appliance, analyzing the applied data using appropriate protocol.